



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

May 16, 2019

Mechelle Walsh  
Senior Paralegal  
Osmoste Utilities Services, Inc.  
635 Highway 74 S  
Peachtree City, GA 30269

**Subject:** Notification per PRN 98-10 –Updating the language under the Directions For Use Section, Plus, modifying the dosage rates, and adding one alternate brand name to the product.  
Product: ORD-1401  
EPA Registration Number: 75341-20  
Application Date: March 25, 2019  
Decision Number: 550104

Dear Ms. Walsh:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 for the above referenced product. The Antimicrobials Division (AD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested falls within the scope of PRN 98-10. The label submitted with the application has been stamped “Notification” and will be placed in our records.

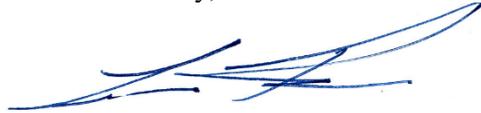
In addition; the alternate brand name: OsmoFume, has been added to the product record.

Should you wish to add/retain a reference to the company’s website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product’s label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA’s Office of Enforcement and Compliance.

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If you have any questions, you may contact Lorena Rivas at 703-305-5027 or via email at [rivas.lorena@epa.gov](mailto:rivas.lorena@epa.gov).

Sincerely,

A handwritten signature in blue ink, consisting of several overlapping, fluid strokes that are difficult to decipher as specific text.

For  
Jacqueline Hardy, Product Manager 34  
Regulatory Management Branch II  
Antimicrobials Division (7510P)  
Office of Pesticide Programs

Enclose: Notification stamped label

# NOTIFICATION

75341-20

The applicant has certified that no changes, other than those reported to the Agency have been made to the labeling. The Agency acknowledges this notification by letter dated:

05/16/2019

# ORD-1401

ACTIVE INGREDIENT: Tetrahydro-3, 5-dimethyl-2H-1, 3, 5-thiadiazine-2-thione.....91.14%  
INERT INGREDIENT:.....8.86%  
TOTAL:.....100.00%

## KEEP OUT OF REACH OF CHILDREN DANGER

FIRST AID	
If on skin, clothes	<ul style="list-style-type: none"> <li>Take off contaminated clothing.</li> <li>Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>
If swallowed	<ul style="list-style-type: none"> <li>Call poison control center or doctor immediately for treatment advice.</li> <li>Have person sip a glass of water, if able to swallow.</li> <li>Do not induce vomiting unless told to do so by the poison control center or doctor.</li> <li>Do not give anything by mouth to an unconscious person.</li> </ul>
If inhaled	<ul style="list-style-type: none"> <li>Move person to fresh air.</li> <li>If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth if possible.</li> <li>Call a poison control center or doctor for further treatment advice.</li> </ul>
If in eyes	<ul style="list-style-type: none"> <li>Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>Call a poison control center or doctor for further treatment advice.</li> </ul>
<b>HOT LINE NUMBER</b>	
Have the product container or label with you when calling a Poison Control Center or doctor or going for treatment. You may also contact (24 hours) (800) 424-9300 CHEMTREC for emergency medical treatment information.	
<b>NOTE TO PHYSICIAN</b>	
Probable mucosal damage may contraindicate gastric lavage. Treat symptomatically. No known antidote.	

## PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**DANGER:** Corrosive. Causes skin burns. Do not get in eyes, on skin, or on clothing. May be fatal if swallowed. Harmful if absorbed through the skin. Harmful if inhaled. Avoid breathing dust. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Wear eye protection (safety glasses with side shields, goggles or face shield) and rubber gloves when handling this product. Remove and wash contaminated clothing before reuse. May cause skin sensitization.

**PERSONAL PROTECTIVE EQUIPMENT (PPE):** Appropriate PPE (long pants, long-sleeved shirts, chemical resistant gloves, and eye protection such as safety glasses with side shields or goggles or face shield) must be used when applying the product.

**USER SAFETY REQUIREMENTS:** Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

**USER SAFETY INSTRUCTIONS:** Users must wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. Users must remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Users must remove PPE immediately after handling this product. As soon as possible, wash thoroughly and change into clean clothing.

**ENVIRONMENTAL HAZARDS:** This pesticide is toxic to fish and aquatic invertebrates, oysters, and shrimp. This pesticide is expected to be toxic when in contact with terrestrial or aquatic plants. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination Systems (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewage systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

**PHYSICAL/CHEMICAL HAZARDS:** Solubility in water: 0.2%. Melting Point: 106°C. Avoid oxidizing agents.

EPA Establishment No.: 82835-MI-1

EPA Registration No. 75341-20

Manufactured for:

**Osmose**®

**OSMOSE UTILITIES SERVICES, INC.**  
635 Hwy 74 S., Peachtree City, GA 30269

## DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

**WOOD AND WOOD PRODUCTS:** OsmoFume is for the internal remedial treatment and protection of wood products such as utility poles, pilings, timbers, and other large solid or laminated wood products against fungal decay. OsmoFume is designed to be placed inside the wood product to be treated. The total amount applied will be dependent on the size of the wood unit and the zone to be protected.

For remedial treatment of wooden poles/timbers:

1. Plug the pre-drilled holes immediately after application;
2. Do not treat structures/beams indoors;
3. Do not drill an application hole through seasoning checks to apply product. If the hole intersects a check, plug the hole and drill another. If more than 2 treatment holes intersect an internal void or rot pocket, redrill the holes farther up the pole into relatively solid wood.

~~Large structural timbers have many different end uses. The groundline area of a 40" circumference standing pole is taken as a guide and example for application of this product.~~

~~To control or prevent interior decay bore a pattern of 3 holes at a 45 degree downward angle. Minimum depth is 11" and maximum depth is 15". OsmoFume is applied to 7/8" diameter treatment holes drilled into the wood at a 45-degree angle downward. Smaller diameter poles or timbers may require an increased boring angle. For smaller diameter poles or timbers, it will be necessary to increase the boring angle to allow for a 15" deep hole. For groundline treatment of standing utility poles or timbers, the first hole will should be at the groundline with and succeeding holes about 6"–8" higher drilled utilizing the pattern and spacing presented in the table below. For an excavated pole or timber, the first hole will may be start below the groundline and with succeeding holes about 6"–8" higher drilled utilizing the pattern and spacing presented in the table below. The following example can be used as a guide for the application of this product to treat the groundline zone of a 40" circumference standing utility pole.~~

- ~~1. Drill three 7/8" diameter by 14" long holes in a spiral pattern starting at groundline as described in the table below.~~
- ~~2. Apply 3 OsmoFume sticks into each hole.~~
- ~~3. Add liquid accelerant if desired to treatment hole.~~
- ~~4. Plug the treatment hole with a tight fitting treated wooden dowel or removable plastic plug.~~

Dosage Rate: Up to 3 sticks per drill hole.

**Dosage rate and drilling pattern for the groundline of standing utility poles or timbers:**

Pole Circumference in Inches	Number of Application Holes and Drilling Pattern Apply up to 3 Sticks per Hole
>= 16"	Two holes 6" – 7" deep spaced 120° apart with 12" vertical spacing. Apply one OsmoFume stick per hole. <del>A total of 2 sticks shall be applied.</del>
16" to 28"	Two holes 8" – 10" deep spaced 120° apart with 12" vertical spacing. Apply <u>up to 2</u> OsmoFume sticks per hole. <del>A total of 4 sticks shall be applied.</del>
29" to 40"	Three holes 14" deep spaced 120° apart and 6" to 8" higher than the previously bored hole. <del>Apply three up to 3 OsmoFume sticks per hole. A total of 9 sticks shall be applied.</del>
41" to 49"	Four holes 14" deep spaced 90° apart and 6" to 8" higher than the previously bored hole. <del>Apply up to 3 OsmoFume sticks per hole. A total of 12 sticks shall be applied.</del>
50" to 59"	Five holes 14" deep spaced 70° apart and 6" to 8" higher than the previously bored hole. <del>Apply up to 3 OsmoFume sticks per hole. A total of 15 sticks shall be applied.</del>
60" to 69"	Six holes 14" deep spaced 60° apart and 4" to 6" higher than the previously bored hole. <del>Apply up to 3 OsmoFume sticks per hole. A total of 18 sticks shall be applied.</del>
70" to 79"	Seven holes 14" deep. The first two at groundline 180° apart, and the remaining five spaced 60° apart and 4" to 6" higher than the previously bored hole. <del>Apply up to 3 OsmoFume sticks per hole. A total of 21 sticks shall be applied.</del>
80" to 89"	Eight holes 14" deep. The first two at groundline 180° apart, and the remaining six spaced 50° apart and 4" to 6" higher than the previously bored hole. <del>Apply up to 3 OsmoFume sticks per hole. A total of 24 sticks shall be applied.</del>
> 90"	Nine holes 14" deep. The first two at groundline 180° apart, and the remaining seven spaced 45° apart and 4" to 6" higher than the previously bored hole. <del>Apply up to 3 OsmoFume sticks per hole. A total of 27 sticks shall be applied.</del>

An accelerant of a 2% copper metal solution can be added to treatment holes after OsmoFume is applied and before the application holes are plugged. An accelerant is designed to speed the decomposition and release of active fumigant inside the wood product. Accelerating the release of fumigant is especially desirable when active decay is present.

### STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

**PESTICIDE STORAGE:** Protect from temperatures in excess of 140°F. Keep container closed when not in use. If contents are spilled or leaked due to container damage, collect and dispose of in accordance with local, state, and federal pesticide disposal regulations.

**PESTICIDE DISPOSAL:** Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

**CONTAINER HANDLING:** Nonrefillable container. Do not reuse or refill this container. Completely empty bag into application equipment. When empty, dispose of bag in a sanitary landfill or by incineration, or offer for recycling, if available. Do not burn, unless allowed by State or local authorities. If burned, stay out of smoke.

NET CONTENTS: \_\_\_\_\_

BATCH NUMBER: \_\_\_\_\_